

## EAST Search History

| Ref # | Hits   | Search Query  | DBs                  | Default Operator | Plurals | Time Stamp          |
|-------|--------|---|----------------------|------------------|---------|---------------------|
| S1    | 1      | "10552683"  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:09 |
| S2    | 26     | ((STEFAN) near2<br>(ZIMMERMAN)).INV.  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:13 |
| S3    | 7      | ((STEFAN) near2<br>(ZIMMERMAN)).INV.<br>and plasma  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:19 |
| S4    | 28     | ((STEFAN) near2<br>(ZIMMERMAN)).INV. or<br>((STEFAN) near2<br>(ZIMMERMAN)).INV.   | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:20 |
| S5    | 27     | ((STEFAN) near2<br>(ZIMMERMAN)).INV. or<br>((STEFAN) near2<br>(ZIMMERMAN)).INV. and<br>plasma   | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:21 |
| S6    | 8      | ((STEFAN) near2<br>(ZIMMERMAN)).INV. or<br>((STEFAN) near2<br>(ZIMMERMAN)).INV.)<br>and plasma  | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:21 |
| S7    | 689534 | ((STEFAN) near2<br>(ZIMMERMAN)).INV. or<br>((STEFAN) near2<br>(ZIMMERMAN)).INV.)<br>and plasma or discharge                             | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:21 |
| S8    | 12     | ((STEFAN) near2<br>(ZIMMERMAN)).INV. or<br>((STEFAN) near2<br>(ZIMMERMAN)).INV.)<br>and (plasma or<br>discharge)                        | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:22 |
| S9    | 1      | "29911754"  | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/05/04<br>09:23 |
| S10   | 8      | "127218"  | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/05/04<br>09:25 |
| S11   | 13     | "77218"   | EPO; JPO;<br>DERWENT | OR               | OFF     | 2009/05/04<br>09:26 |
| S12   | 6      | ((("4101783") or<br>("5354541") or<br>("1437760") or<br>("3967131") or<br>("5516493") or<br>("4383976"))).PN. or<br>(2001/041155).CQLS. | US-PGPUB;<br>USPAT   | OR               | OFF     | 2009/05/04<br>09:28 |

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| S13 | 6     | ((("4101783") or ("5354541") or ("2001041155") or ("1437760") or ("3967131") or ("5516493") or ("4383976"))).PN.                     | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:28 |
| S14 | 7     | ((("4101783") or ("5354541") or ("20010041155") or ("1437760") or ("3967131") or ("5516493") or ("4383976"))).PN.                    | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:28 |
| S15 | 11656 | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode                                      | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:52 |
| S16 | 2125  | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone                            | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:52 |
| S17 | 1256  | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone and plasma                 | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:52 |
| S18 | 0     | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone and plasma and "422".cls.  | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:52 |
| S19 | 207   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone and plasma and "422".clas. | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>09:52 |
| S20 | 1256  | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone and plasma                 | US-PGPUB;<br>USPAT | OR | OFF | 2009/05/04<br>10:12 |

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| S21 | 234   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and ozone and plasma and tubular                                    | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:13 |
| S22 | 30400 | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor")   | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:31 |
| S23 | 4921  | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and tubular   | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:31 |
| S24 | 420   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and "outer electrode"   | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:31 |
| S25 | 834   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and ("outer electrode" or "ground electrode")                                     | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:31 |
| S26 | 585   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and ("outer electrode" or "ground electrode") and (contact or connector)          | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 10:32 |
| S27 | 147   | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and ("outer electrode" or "ground electrode") and (contact or connector) and mesh | US-PGPUB; USPAT   | OR | OFF | 2009/05/04 11:25 |
| S29 | 2     | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and ("outer electrode" or "ground electrode") and (contact or connector) and mesh | EPO; JPO; DERWENT | OR | OFF | 2009/05/04 13:18 |

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| S30 | 8     | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and ("outer electrode" or "ground electrode") and mesh | EPO; JPO; DERWENT      | OR | OFF | 2009/05/04 13:18 |
| S31 | 91    | ("discharge tube" or "ozone generator" or "plasma generator" or "plasma reactor") and electrode and mesh                                 | EPO; JPO; DERWENT      | OR | OFF | 2009/05/04 13:18 |
| S32 | 5     | "2327191"  | EPO; JPO; DERWENT      | OR | OFF | 2009/05/04 13:31 |
| S33 | 7     | ("4342940"   "5081395"   "5747946"   "6097155"   "6310442"   "6621218"   "6727649").PN. OR ("6946794").URFN.                             | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/04 13:39 |
| S34 | 248   | 422/186.18.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 14:11 |
| S35 | 677   | 422/186.07.ccls.   | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:27 |
| S36 | 371   | 422/186.07.ccls. and electrode   | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:28 |
| S37 | 135   | (wire with mesh) same (interwoven or layered) same (connect\$5 or electric\$3)   | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:46 |
| S38 | 139   | ((wire or rod) with mesh) same (interwoven or layered) same (connect\$5 or electric\$3)  | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:53 |
| S39 | 168   | ((wire or rod) same mesh) same (interwoven or layered) same (connect\$5 or electric\$3)  | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:53 |
| S40 | 70    | ((wire or rod) same mesh) same (interwoven or layered) same (electric \$3)   | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 15:54 |
| S41 | 11    | ("3350941"   "3460123"   "3530855"   "3940754").PN. OR ("4080593").URFN.   | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/04 15:57 |
| S42 | 399   | "electrical connection" with mesh  | US-PGPUB; USPAT        | OR | OFF | 2009/05/04 16:05 |
| S43 | 10472 | mesh with electrode  | US-PGPUB; USPAT        | OR | OFF | 2009/05/05 11:58 |

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|-----|------|--|-------------------|----|-----|------------------|
| S44 | 7841 | (mesh with electrode) and (plasma or discharge or ion\$7)  | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 11:59 |
| S45 | 3199 | (mesh with electrode) and (plasma or discharge or ion\$7) and (dielectric or insulator)                      | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 11:59 |
| S46 | 411  | (mesh with electrode) and (plasma or discharge or ion\$7) and (dielectric or insulator) and ozone            | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 11:59 |
| S47 | 5    | "2358350"  | EPO; JPO; DERWENT | OR | OFF | 2009/05/05 12:03 |
| S48 | 1    | "03168374"   | EPO; JPO; DERWENT | OR | OFF | 2009/05/05 12:06 |
| S49 | 24   | "168374"   | EPO; JPO; DERWENT | OR | OFF | 2009/05/05 12:06 |
| S50 | 1096 | (mesh with electrode) and (plasma or discharge or ion\$7) and (dielectric or insulator) and leads            | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 14:11 |
| S51 | 822  | (mesh with electrode) and (plasma or discharge or ion\$7) and (dielectric or insulator) and leads and long   | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 14:11 |
| S52 | 36   | (mesh with electrode) and (plasma or discharge or ion\$7) and (dielectric or insulator) and leads near3 long | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 14:12 |
| S53 | 85   | (mesh with electrode) same connector same (rod or wire or "contact pad")                                     | US-PGPUB; USPAT   | OR | OFF | 2009/05/05 14:42 |
| S54 | 55   | taper with ("dielectric tube" or "glass tube")   | US-PGPUB; USPAT   | OR | OFF | 2009/05/06 12:01 |
| S55 | 8    | taper with ("dielectric tube" or "glass tube") and plasma  | US-PGPUB; USPAT   | OR | OFF | 2009/05/06 12:02 |
| S56 | 1    | taper with ("dielectric tube" or "glass tube") same strength   | US-PGPUB; USPAT   | OR | OFF | 2009/05/06 12:02 |
| S57 | 43   | taper with ("dielectric tube" or "glass tube" or dielectric or glass) same strength                          | US-PGPUB; USPAT   | OR | OFF | 2009/05/06 12:03 |

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| S58 | 12  | taper with ("dielectric tube" or "glass tube" or dielectric or glass) same strength and plasma  | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:04 |
| S59 | 127 | (taper\$2 or curve\$2) with ("dielectric tube" or "glass tube" or dielectric or glass) same strength and plasma                       | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:05 |
| S60 | 138 | (taper\$2 or curve\$2) with ("dielectric tube" or "glass tube" or dielectric or glass) same strength and (plasma or ozone or ionizer) | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:07 |
| S61 | 946 | (taper\$2 or curve\$2) with ("dielectric tube" or "glass tube" or dielectric or glass) same strength                                  | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:09 |
| S62 | 377 | (taper\$2 or curve\$2) with ("dielectric tube" or "glass tube" or dielectric or glass) with strength                                  | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:09 |
| S63 | 10  | (taper\$2 or curve\$2) with ("dielectric tube" or "glass tube") with strength   | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:10 |
| S64 | 73  | ozone near3 probe   | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 12:59 |
| S65 | 9   | "ozone probe"   | US-PGPUB; USPAT        | OR | OFF | 2009/05/06 13:04 |
| S66 | 23  | ("0982587"   "0987902"   "1059014"   "3530058").PN. OR ("4216096").URPN.  | US-PGPUB; USPAT; USOCR | OR | OFF | 2009/05/06 13:07 |
| S67 | 7   | ("3530058").URPN.   | USPAT                  | OR | OFF | 2009/05/06 13:24 |

5/ 6/ 2009 1:36:50 PM

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